

REMARKS/ARGUMENTS

Favorable consideration of this application as presently amended and in light of the following discussion is respectfully requested.

This Supplemental Preliminary Amendment is believed to address the 37 C.F.R. 1.173 (b)(2) informalities identified in the October 31, 2006 Office Action.

Claims 1-81 are currently pending, Claims 76-81 added by way of the present amendment. Support for Claims 21-75 was explained in the Letter filed with the subject reissue application. For clarity, reiteration of where support is found for Claims 21-75 is set forth below. Furthermore, Claim 33 has further been amended, adding the term “digital audio data”, support for which is found throughout the specification, for example, at column 8, line 66.

Claims 1-20

Pending.

Claim 21

Support for Claim 21 is found in Claim 1 and in Fig. 7 of the drawings.

Claim 22

Support for Claim 21 is found in Claim 2 and in Fig. 7 of the drawings.

Claim 23

Support for Claim 23 is found in Claim 3 and in Fig. 7 of the drawings.

Claim 24

Support for Claim 24 is found in Claim 21 and at page 18, lines 2-8, of the specification.

Claim 25

Support for Claim 25 is found in Claims 1 and 14 and in Fig. 7 of the drawings.

Claim 26

Support for Claim 26 is found in Claim 2 and in Fig. 7 of the drawings.

Claim 27

Support for Claim 27 is found in Claim 3 and in Fig. 7 of the drawings.

Claim 28

Support for Claim 28 is found in Claim 21 and at page 18, lines 2-8, of the application.

Claim 29

Support for Claim 29 is found in Claim 9 and in Figs 9A-9F of the drawings.

Claim 30

Support for Claim 30 is found in Claim 10 and in Figs. 9A-9F of the drawings.

Claim 31

Support for Claim 31 is found in Claim 11 and in Figs. 9A-9F of the drawings.

Claim 32

Support for Claim 32 is found in Claim 12 and in Figs. 9A-9F of the drawings.

Claim 33

Support for Claim 33 is found in column 8, line 66, Claims 9 and 13 and in Figs. 9A-9F of the drawings.

Claim 34

Support for Claim 34 is found in Claims 9 and 10 and in Figs. 9A-9F of the drawings.

Claim 35

Support for Claim 35 is found in Claim 11 and in Figs. 9A-9F of the drawings.

Claim 36

Support for Claim 36 is found in Claim 12 and in Figs. 9A-9F of the drawings.

Claim 37

Support for Claim 37 is found in Claim 17 and in Fig. 7 of the drawings.

Claim 38

Support for Claim 38 is found in Claim 1 and in Fig. 7 of the drawings.

Claim 39

Support for Claim 39 is found in Claim 2 and in Fig. 7 of the drawings.

Claim 40

Support for Claim 40 is found in Claim 3 and in Fig. 7 of the drawings.

Claim 41

Support for Claim 41 is found in Claim 21 and at page 18, lines 2-8, of the specification.

Claim 42

Support for Claim 42 is found in Claims 1 and 14 and in Fig. 7 of the drawings.

Claim 43

Support for Claim 43 is found in Claim 2 and in Fig. 7 of the drawings.

Claim 44

Support for Claim 44 is found in Claim 3 and in Fig. 7 of the drawings.

Claim 45

Support for Claim 45 is found in Claim 21 and at page 18, lines 2-8, of the application.

Claim 46

Support for Claim 46 is found in Claim 9 and in Figs 9A-9F of the drawings.

Claim 47

Support for Claim 47 is found in Claim 10 and in Figs. 9A-9F of the drawings.

Claim 48

Support for Claim 48 is found in Claim 11 and in Figs. 9A-9F of the drawings.

Claim 49

Support for Claim 49 is found in Claim 12 and in Figs. 9A-9F of the drawings.

Claim 50

Support for Claim 50 is found in Claims 9 and 13 and in Figs. 9A-9F of the drawings.

Claim 51

Support for Claim 51 is found in Claims 9 and 10 and in Figs. 9A-9F of the drawings.

Claim 52

Support for Claim 52 is found in Claim 11 and in Figs. 9A-9F of the drawings.

Claim 53

Support for Claim 53 is found in Claim 12 and in Figs. 9A-9F of the drawings.

Claim 54

Support for Claim 54 is found in Claim 17 and in Fig. 7 of the drawings.

Claim 55

Support for Claim 55 is found in the specification from page 17, line 13, through page 19, line 25, and in Fig. 7 of the drawings. In particular, the internal bus is supported by to bus 42, and the external memory connector is supported by the connection between card 71 and I/O port 49 in Fig. 7. The memory card is supported by card 71 in Fig. 7. The memory port is supported by I/O port 49. The plurality of external device connectors is supported by the connection shown between I/O port 47 and DSU (Digital Service Unit) 61, the connection shown between battery 53 and power supply 62, the connection shown between A/D 56 and microphone 54, and the connection shown between D/A 52 and headphone 17. The device port is supported by the combination of the A/D 56, the D/A 52 and the compression/expansion circuit 46. The control panel is supported by LCD 11. The controller is supported by CPU 41.

Claim 56

The analog to digital convertor is supported by A/D 56 in Fig. 7 of the drawings. The compressor is supported by compression/expansion circuit 46 in Fig. 7 of the drawings.

Claim 57

The expander is supported by compressor/expansion circuit 46 in Fig. 7 of the drawings. The digital to analog convertor is supported by to D/A 52 in Fig. 7 of the drawings.

Claim 58

The card-shaped hard disc is supported at page 20, lines 1, 6 and 14-16 of the specification.

Claim 59

The internal bus is supported at page 18, lines 2-8, of the specification.

Claim 60

The liquid crystal display is supported by LCD 11 in Fig. 7 of the drawings.

Claim 61

The central processing unit is supported by CPU 41 in Fig. 7 of the drawings.

Claim 62

The at least one external device is supported by headphone 17 and microphone 54 in Fig. 7 of the drawings.

Claim 63

The microphone is supported by microphone 54 in Fig. 7 of the drawings. The headphone is supported by headphone 17 in Fig. 7 of the drawings.

Claim 64

Support for Claim 64 is found in the specification from page 17, line 13, through page 19, line 25, and in Fig. 7 of the drawings. In particular, the internal bus is supported by to bus 42, and the external memory connector is supported by the connection between card 71 and I/O port 49 in Fig. 7. The external memory is supported by card 71 in Fig. 7. The plurality of external device connectors is supported by the connection shown between I/O port 47 and DSU (Digital Service Unit) 61, the connection shown between battery 53 and power supply 62, the connection shown between A/D 56 and microphone 54, and the connection shown between D/A 52 and headphone 17. The device port is supported by the combination of the A/D 56, the D/A 52 and the compression/expansion circuit 46. The control panel is supported by LCD 11. The controller is supported by CPU 41.

Claim 65

The analog to digital convertor is supported by A/D 56 in Fig. 7 of the drawings. The compressor is supported by compression/expansion circuit 46 in Fig. 7 of the drawings.

Claim 66

The expander is supported by compressor/expansion circuit 46 in Fig. 7 of the drawings. The digital to analog convertor is supported by to D/A 52 in Fig. 7 of the drawings.

Claim 67

The card-shaped recording medium is supported at page 20, lines 1, 6 and 14-16 of the specification.

Claim 68

The card-shaped hard disc is supported at page 20, lines 1, 6 and 14-16 of the specification.

Claim 69

The internal bus is supported at page 18, lines 2-8, of the specification.

Claim 70

The liquid crystal display is supported by LCD 11 in Fig. 7 of the drawings.

Claim 71

The central processing unit is supported by CPU 41 in Fig. 7 of the drawings.

Claim 72

The at least one external device is supported by headphone 17 and microphone 54 in Fig. 7 of the drawings.

Claim 73

The microphone is supported by microphone 54 in Fig. 7 of the drawings. The headphone is supported by headphone 17 in Fig. 7 of the drawings.

Claim 74

Support for Claim 74 is found in the specification from page 17, line 13, through page 19, line 25, and in Fig. 7 of the drawings. In particular, the internal bus is supported by bus 42, and the external memory connector is supported by the connection between card 71 and I/O port 49. The memory port is supported by I/O port 49. The memory card is supported by card 71 in Fig. 7. The plurality of external device connectors is supported by the connection shown between I/O port 47 and DSU (Digital Service Unit) 61, the connection shown between battery 53 and power supply 62, the connection shown between A/D 56 and microphone 54, and the connection shown between D/A 52 and headphone 17. The at least one internal memory device coupled to the internal bus is supported by at least one of hard disc 45, ROM 43 and RAM 44. The input key coupled to the internal bus is supported by input key 51. The compressor/expander coupled to the internal bus is supported by COMP/EXP 46. The analog to digital convertor is supported by A/D 56. The digital to analog convertor is supported by D/A 52. The control panel is supported by LCD 11. The controller is supported by CPU 41.

Claim 75

The hard disc, read only memory and random access memory are supported by hard disc 45, ROM 43 and RAM 44, respectively, all in FIG. 7 of the drawings.

Claim 76

Support for new Claim 76 is found in original Claim 1, for example, RAM 44audio compression/expansion circuit 46, I/O port 47 and data in/out terminal 9, CPU 41, column 6, line 64, to column 7, line 11 (regarding first functional device) and column 8, lines 45-60 (regarding second functional device), and Figure 9F.

Claim 77

Support for Claim 77 is found in original Claim 1, as well as hard disk 45, display 31, display 11, fast forward, play and rewind keys 14 (see Figure 6), CPU 41, expansion circuit 46, ports 47 and 9, column 6, line 64 to column 7, line 11, as well as column 8, lines 45-60, and Figure 9F.

Claim 78

Support for Claim 78 is found in original Claim 1, as well as hard disk 45, display 31, display 11, fast forward, play and rewind keys 14 (see Figure 6), CPU 41, expansion circuit 46, ports 47 and 9, column 6, line 64 to column 7, line 11, as well as column 8, lines 45-60, and Figure 9F, and Claim 13.

Claim 79

Support for Claim 79 is found in display 31, user interface listings Figure 3A – Figure 3B, memory 44 and hard disk 45 as well as modem 33 (see e.g., Figure 7), column 5, lines 47-53.

Claim 80

Support for Claim 80 is found in Claim 12 and in Figures 9A-9F of the drawings.

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Claim 81

Support for Claim 81 is found in column 7, lines 52-54, and therefore no new matter is added.

It is respectfully submitted for that the reasons set forth above, all the newly added claims are supported by the specification, claims, abstract and drawings as originally filed, consistent with the requirements of 37 CFR §1.173(c). The Declaration by the inventor, originally filed with this reissue application is equally applicable to this Preliminary Amendment. Should a Supplemental Declaration be required by the Office, Applicants request that the Supplemental Declaration be filed after Applicants have received a Notice of Allowance so that multiple declarations need not be filed during the prosecution of this Reissue application. As was the case with the newly added claims in the originally filed application, new Claims 76-81 have been added to cure an error that Applicants failed to claim all that they had a right to claim in the originally issued patent.

It is believed that new Claims 76-81 should be examined with Claims 1-54, consistent with the Election made in response to the Restriction Requirement of March 17, 2004.

It is believed that all the formalities have been addressed by way of this present Preliminary Amendment. However, if the Examiner disagrees, the Examiner is invited to telephone the undersigned so that the undersigned may work cooperatively with the Examiner to efficiently prosecute the present Reissue application.

Respectfully submitted,
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IN THE CLAIMS

33. (Amended) An audio recording and reproducing system comprising:
an audio recording and reproducing apparatus comprising, a memory for writing and
reading digital audio data, an expander for expanding compressed audio data, and an external
I/O port for exchanging incoming data, and a processor for controlling the memory, the
expander and the external I/O port;
a first functional device removably attached to said audio recording and reproducing
apparatus configured to add a supplementary function to said audio recording and
reproducing apparatus;
a second functional device removably attached to said audio recording and
reproducing apparatus configured to add [a new] another function to said audio recording and
reproducing apparatus, and
wherein said second functional device adds the function of at least one of video
compression, facsimile transmission, wireless transmission, pager, navigation and wire
transmission.